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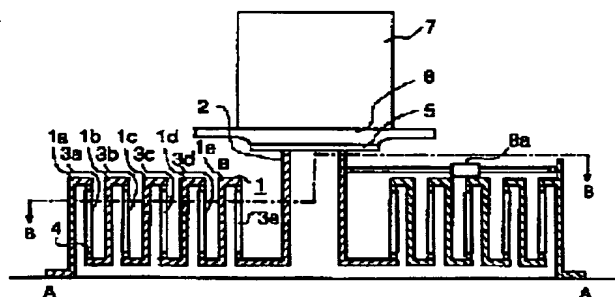
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TITLE : BASE ISOLATION DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To reduce a height of a base isolation device and save a space by connecting a pendulum which connects adjacent annular bodies mutually through a spherical joint with a central body, fixing a body to be base-isolated on a support seat by connecting it with the central body, and providing a horizontal damper between an outermost annular body and the central body.

SOLUTION: In a group of annular bodies 1 consisting of concentric annular bodies 1a to 1e, the outermost annular body 1a is fixed at a point A on the ground, and a central body 2 is provided on an inner side of the innermost annular body 1e. Pendulum links 3a to 3e connect annular bodies 1a and 1b, 1b and 1c, 1c and 1d, and 1d and 1e and the annular body 1e and the central body 2 mutually at circumference of the annular bodies through spherical joints 4. A support seat 5 is connected with the central body 2, and a floor base 6 of a body to be base-isolated 7 is supported on the support seat 5. Horizontal dampers 8a are arranged at a right angle mutually in the radial direction and are connected with the annular body 1a and the central body 2. Consequently, it is possible to reduce a height of this base isolation device down to 1/5 of a height of a device having one link type pendulum so as to save a space.

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